

Vaishak I Kuppast

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🌐 <https://vaishakik.github.io>

Objective

A professional position or research opportunity that will allow me to utilize my problem-solving skills, technical expertise, and attention to detail to further develop my abilities in the field of Electronic and computer science.

Education

KLE Technological University, B.E Present CGPA 9.06	2016 – Present Hubli, India
PACE PU College, PUC (Karnataka PUC Board) Scored 94 %	2014 – 2015 Shimoga, India
Saandeepani English Medium High School, Shimoga, SSLC (KSEEB Board) Scored 96%	2013 Shimoga, India

Projects

Virtual Reality for Visualizing Indian Digital Heritage sites(On Going) This Project is a part of IRP(Industrial Research Project) of our college. Here we propose a method of visualizing Indian Digital Heritage sites by means of creating Mixed Reality experience through android app.	06/2019 – present
Face Emotion Recognition (Minor Project) The goal of this project was to develop a Deep learning based solution for Emotion recognition using both audio and video input modalities and to dump the model into Android. Role: <ul style="list-style-type: none">• Developed Emotion recognition app.• Fusion of 3 Deep learning models in Android.• Worked on VGG-LSTM model.	02/2019 – 05/2019
Multi-Oriented Text detection (Mini Project) Existing approaches use CNN's to read text that appears in a horizontal or near horizontal direction in images. In this project solved problem to recognize text appearing in the multi-oriented direction in images. Role:Trained Caffe FCN model and annotated generated data-sets.	08/2018 – 12/2018
Image Filtering for Image Categorization Performance of image categorization algorithm reduces on crowd-sourced data due to its high dimension. We propose a pipeline to filter the crowd-sourced data and select good and low dimension-ed images. Role:Shadow and Blur detection model,Occlusion Detection from YOLO model and Text detection from images using Tesseract OCR.	05/2018 – 08/2018

Matrimonial App For Community

02/2018 – 03/2018

Designed and launched the matrimonial app for the community of people in Google Play store.

Role: Implemented back-end service by using Java, PHP, Google App Script, Firebase and MySQL as a database. Worked on image compression and dynamic tracking of the face.

Skills

Deep Learning

Keras, Tensorflow

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Machine Learning, Data Mining

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Front-end

CSS, HTML, Bootstrap, XML.

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Back-end

Java, Javascript, PHP, Python, MySQL, C/C++.

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Software

Unity, Android Studio, Adobe Photoshop, Adobe After Effects, Matlab, ISE Design Suite - Xilinx.

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Management

Team, Time management, Leadership, Self confidence, Proper Planning, Supervision, Motivation

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Achievements

- **Young App Developer Honorary:** Honor issued by Akhila Bharatha Shivasimpi Samaj Reg, Hubli.
- Selected and Trained under University of Massachusetts, Lowell, USA and Nanjing University, China under **Global Entrepreneur Program** to learn value added entrepreneurship, market research, finance, marketing and other management skills in a multi-cultural and multi-lingual setting.
- Organizer of team **MAKE in BVB (MIB)**. This unique body strives for the revolutionary evolution of entrepreneurial thinking through the envisioned entrepreneurial ecosystem and with motto "Inspiring minds to innovate".
- **Founder** and CEO of **AURAE Education**, a campus based startup company to revolutionize the way of teaching, by introducing mixed reality experience to students through android app, with motto "See. Interact. Experience". Currently company has 19 interns under it.

Courses

Minor in Computer science Engineering, KLE Technological University

15 Credits course done under Computer Science Engineering Department

06/2017 – present

Hubli, India

Neural Networks and Deep Learning, Coursera

Credential-ID SUK6S7AAD2KD

01/2019

Convolutional Neural Networks, Coursera

Credential-ID PZH9JM534TC2

02/2019

Interests

Creating Games (Create small games in Unity and Unreal Engine),

VFX (Doing Effects in Adobe After effects i.e creating clones of persons and Cinematic Editing.),

Content Creator (Doing Street-photography, Adding Photoshop Effects)